

**Lemon Fair Insect Control District
Bridport, VT
May 5, 2015**

Minutes

1. Call to order: 5:00

Present: Lew Castle, Dinah Bain, Christine Chapline, Chuck Burkins, Alissa Shethar, Judd Markowski, Melissa Lourie

2. Approve April minutes:

The April minutes are approved.

3. Treasurer's report:

Cash forward: \$13,969.25

Cash received: \$40,000.13

Total Cash for month: \$53,969.38

Total Disbursements: \$3,423.41

Cash on hand: \$50,545.97

Accounts payable: \$0.00

Accounts receivable: \$22,200

Net current assets: \$72,745.97

There is no insurance quote for this year yet. Last year (2014) the insurance was:

General liability: \$2,083

Board insurance: \$1,051

It was suggested that we should add property insurance on the larvicide trailer: The suggestion is to insure the trailer for \$10,000. The larvicide belongs to the State so we cannot insure the product contained in the trailer. Lew C. will ask how much to add insurance for the trailer to the policy.

If we use JBI to aerially treat we will have to move larvicide in a vehicle (Judd's truck or other). Lew suggests asking the State if there are used State pick-ups available for sale.

4. Update on plane sale:

Mid Continent has picked up the plane and it has been flown to MO. LFICD paid for the gas. Mid Continent wanted the spray equipment, but it was overlooked when the plane left. They will pay the freight to have it shipped. Lew has boxed the spray equipment and will ship it UPS.

5. Update on Google Doc's spreadsheets, treatment polygons and waypoints.

The polygon map names and the larval spreadsheet names do not match; Craig renamed the dipping areas when the maps were made. The spreadsheet has been updated with the same site names as are on the maps, but there could be improvement on the site names.

Polygons:

Chuck suggests that we mark the maps with the specific coordinates that we use for larval sampling waypoints. Judd has taken representative waypoints for: East of Payne, Weybridge Flats (SW), Prunier Rd. NW and Prunier Rd. SE. We still need the waypoints for 10 dipping sites. Judd will be getting to this asap. Craig, Judd, Chuck and Chris will work on the maps and spreadsheet names to make them consistent.

6. Update on AgNav coordination with JBI:

JBI can treat with the maps and coordinates that they were given on a USB flash drive at the Community Mosquito meeting in April; this was adequate information for them to use with their AgNav when they treat for LFICD.

Lew spoke with David Colbath at JBI; David Colbath said that he has not gotten any input from BLSG regarding JBI treating for them, therefore LFICD and BLSG coordination would be difficult until the BLSG gets organized and contacts JBI with their maps.

7. Mapping protocol...GPS devices vs. predetermined waypoints.

Discussion on waypoints:

Alan wants to be able to return to the spots where larva were found; however, the water moves over the course of the days—as much as 50 feet. Getting data at the water's edge is a moving target; post-treatment data is impossible to take at the same dipping point as pre-treatment because the water has moved. Therefore, GPS waypoint data to 6 decimal places for dipping sites doesn't make sense. We think that one predetermined, representative waypoint for each dipping site is the way to go.

Judd has tried using his phone in the field to record waypoints and larva data and he feels that it is a nuisance that will greatly increase the time it takes for dipping. The problems include: he has to bag the phone in plastic so it doesn't get wet, auto correct doesn't understand the terms he's using, sun glare on the phone and no cell service. GPS accuracy using a cell phone without service is less accurate. Taking shorthand notes and entering the data at home later works better for Judd.

8. Volunteer dippers in Weybridge:

Melissa Lourie knows of persons in Weybridge on the Lemon Fair who would be willing to dip in their area if they were trained to do so.

The board would be leery of using volunteer dippers because of data entry issues, training issues and liability issues. We would need to pay a stipend to dippers for workman's comp.

Judd has a prospective person in mind should we need to employ a 3rd field tech. She has recently moved to Bridport and has some field experience and has gone out in the field with him once to see what is involved. If IPM protocols that require more time for data collection are implemented, a 3rd field tech may be necessary. A third tech could also cover areas that are not monitored as well as we would like.

9. IPM implementation

River gauges –what would be used as the baseline reading? Judd uses a measuring stick to measure the depth of the water at particular spots in the culverts of particular areas to determine changes in the river flooding.

Rain gauges: we will continue to email-chain rain gauge readings from our properties after storms.

Light traps: we are not set up to monitor light traps.

We agree that we are going to implement the following IPMs:

We will measure changes in water depth by measuring in the culverts at pertinent spots, as Judd now does.

We will record water temperatures when dipping.

We will collect data from private rain gauges.

We would like to figure out a way to collect complaints of nuisance mosquitoes from residents: Maybe use Front Porch Forum and include a link to a Google form?

However, complaints will also come from woods' mosquitoes, tire pile mosquitoes and other non-floodplain mosquitoes.

Suggestions for helping to control the non-floodplain mosquitoes:

Mosquito dunks for residents or hand treating in non-flood plain areas with Vectobac.

Judd reported that the swamp has surged around 4 times in April with snowmelt and rain; but there have not been a lot of larva yet; the lack of larva is possibly temperature related.

WRP (Wetlands Restoration Project with ponds along East of Payne and SD ventures areas of the LF) ponds have lots of frogs this year (last year there were only tadpoles).

10. Adjourn: 6:30

Next meeting on Tuesday, June 2, 2015, Cornwall Town Offices, 5:00 p.m.